CUMULATIVE INDEXES

CONTRIBUTING AUTHORS, VOLUMES 14–18

A

Annison G, 14:297–320
Antony AC, 16:501–21
Atkinson RL, 17:383–403

B

Bairlein F, 14:187–215
Baldwin RL, 15:191–211
Ballard ST, 15:35–55
Banaszak LJ, 17:277–303
Baron AD, 17:487–99
Baumgartner RN, 17:527–58
Beck MA, 18:93–116
Bendich A, 16:73–97
Bernlohr DA, 17:277–303
Berry MJ, 15:323–52
Billington CJ, 17:597–619
Blundell JE, 16:285–319
Blusztajn JK, 14:269–96
Borel J, 15:379–97
Bosch F, 18:207–32
Breslow JL, 15:495–518
Broquist HP, 17:1–18
Bruce C, 18:297–330
Brunengraber H, 17:559–96
Buntin JD, 15:213–38
Burks AW, 16:161–77
Butterworth CE Jr, 16:73–97

C

Castenmiller JJM, 18:19–38
Chouinard RA, 18:297–330
Chytil F, 16:257–83
Clark MG, 17:487–99
Clarke SD, 14:83–98
Clinton SK, 18:413–40
Cornelius P, 14:99–129
Cotton JR, 16:285–319
Cousins RJ, 14:449–69
Crawford DHG, 16:139–60
Curthoys NP, 15:133–59
Cymbaluk NF, 14:243–67
Czech MP, 15:441–71

D

Daniel PB, 18:353–83
Delzenne NM, 18:117–43
Desjeux JF, 14:321–42
Des Rosiers C, 17:559–96
Dewey KG, 17:19–36
Donovan SM, 14:147–67
Dowd P, 15:419–40
Doyle MP, 17:255–75
Drewnowski A, 17:237–53

E

Eide DJ, 18:441–69
Evock-Clover CM, 18:63–92

F

Fardella CE, 16:443–70
Ferré P, 17:325–52
Fleet JC, 18:233–58
Foufelle F, 17:325–52
Freake HC, 15:263–91
Fried W, 15:353–77
Friedl KE, 17:51–75
Fuller MF, 14:217–41; 18:385–411

G

Ganapathy V, 16:99–119
Garlick PJ, 14:217–41
Giovannucci E, 18:413–40
Girard J, 17:325–52
Gomez MR, 16:471–99
Goyer RA, 17:37–50
Greer FR, 14:169–85
Gregory JF III, 18:277–96
Grimble GK, 14:419–47
Gwinner E, 14:187–215

H

Habener JF, 18:353–83
Halliday JW, 16:139–60
Halliwell B, 16:33–50
Ham S-W, 15:419–40
Harris P, 17:185–210
Harrison EH, 18:259–76
Heird WC, 16:471–99
Hellerstein MK, 16:523–57
Hershline R, 15:419–40
Hertzel AV, 17:277–303
Heymsfield SB, 17:527–58
Hintz HF, 14:243–67
Holloszy JO, 16:121–38
Hoppel C, 18:179–206
Horseman ND, 15:213–38
Hoyt RW, 17:51–75
Hunter DJ, 14:393–418
Hunter JH, 15:35–55

I

Ingenbleek Y, 14:495–533
Iyer S, 15:93–110

J

Jensen MD, 17:127–39
Jie K-GS, 15:1–22
Johanning GL, 14:21–40
Jump DB, 14:83–98
Jungermann K, 16:179–203

K

Katan MB, 15:473–93; 17:305–24
Kaytor EN, 17:405–33
Kelleher JK, 17:559–96
Kerner J, 18:179–206
Kerr DE, 18:63–92
Kessler DA, 15:xiii–xxvi
Kietzmann T, 16:179–203
Kim K-H, 17:77–99
Knapen MHJ, 15:1–22
Kohrt WM, 16:121–38
Kuhnlein HV, 16:417–42
Kurzer MS, 17:353–81

L

Lane MD, 14:99–129
Larsen PR, 15:323–52
Law JH, 17:501–26
Lawton CL, 16:285–319
Leggett BA, 16:139–60
Leibach FH, 16:99–119
Levander OA, 18:93–116
Levine AS, 17:597–619
Li E, 16:205–34
Liang Y, 14:59–81
Lönnerdal B, 15:93–110
Lowe ME, 17:141–58

M

Macdiarmid JI, 16:285–319
MacDougald OA, 14:99–129
Mannaerts GP, 14:343–70
Maroni BJ, 17:435–55
Mascotti DP, 15:239–61
Masters BSS, 14:131–45
Matschinsky FM, 14:59–81
McIntire WS, 18:145–77
Meng J, 17:255–75
Mensink RP, 15:473–93
Mietzner TA, 14:471–93
Miller WL, 16:443–70
Mitch WE, 17:435–55
Morse SA, 14:471–93
Moser HW, 15:379–97

N

Naganathan S, 15:419–40
Nair KS, 17:457–85
Nath SK, 14:321–42
Naylor CD, 16:349–82
Neese RA, 16:523–57
Neville MC, 17:159–83
Norris AW, 16:205–34

O

O'Dell BL, 18:1–18
Odle J, 14:147–67
Olson AL, 16:235–56
Olson RE, 16:1–32
Oppenheimer JH, 15:263–91

P

Packman S, 15:293–322
Patel MS, 14:21–40
Paterson JM, 16:349–82
Pessin JE, 16:235–56
Pfahl M, 16:257–83
Picciano MF, 17:159–83
Plump AS, 15:495–518
Powell LW, 16:139–60
Pujol A, 18:207–32

R

Reaven PD, 16:51–71
Rebouche CJ, 18:39–61
Receveur O, 16:417–42
Reddy JK, 14:343–70
Reeds PJ, 18:385–411
Riley EM, 17:211–35
Roberfroid MB, 18:117–43
Rooyackers OE, 17:457–85
Ross R, 17:527–58
Rup D, 15:239–61
Rush D, 17:101–25

S

Sainz RD, 15:191–211
Sampson HA, 16:161–77
Sauberlich HE, 14:371–91
Schonfeld G, 15:23–34
Schwarz J-M, 16:523–57
Seim H, 18:39–61
Shih H-M, 17:405–33
Shoffner JM, 14:535–68
Sies H, 16:321–47
Simpson MA, 17:277–303
Soprano DR, 15:111–32
Soprano KJ, 15:111–32
Stallings VA, 17:211–35
Steele NC, 18:63–92
Sul HS, 18:331–51
Suttie JW, 15:399–417

T

Tall AR, 18:297–330
Taminiau J, 14:321–42
Taylor AE, 15:35–55
Thach RE, 15:239–61
Topping DL, 14:297–320
Towle HC, 17:405–33
Traber MG, 16:321–47

U

Urgert R, 17:305–24

V

Vadlamundi S, 14:21–40
Valera A, 18:207–32
Van den Berghe G, 14:41–58
Vermeer C, 15:1–22
Vulpe CD, 15:293–322

W

Walker WH, 18:353–83
Wallace DC, 14:535–68
Wang D, 18:331–51
Wang ZM, 17:527–58
Waterlow JC, 14:1–19; 15:57–92
Watford M, 15:133–59
Welling PG, 16:383–415
West CE, 18:19–38
Wilkinson KD, 15:161–89
Willett WC, 14:393–418
Winzerling JJ, 17:501–26
Witztum JL, 16:51–71
Wood RJ, 18:233–58
Wray-Cahen CD, 18:63–92

X

Xu X, 17:353–81

Y

Young V, 14:495–533

Z

Zeisel SH, 14:269–96
Zemel BS, 17:211–35
Zock PL, 15:473–93

CHAPTER TITLES, VOLUMES 14–18

PREFATORY ESSAYS

Childhood Malnutrition in Developing Nations: Looking Back and Looking Forward	JC Waterlow	14:1–19
The Evolution of National Nutrition Policy	DA Kessler	15:xiii–xxvi
On the Making of a Clinical Nutritionist	RE Olson	16:1–32
Memories of Microbes and Metabolism	HP Broquist	17:1–18
Personal Reflections on a Galvanizing Trail	BL O'Dell	18:1–18

ENERGY METABOLISM

Nutritional Mechanisms and Temporal Control of Migratory Energy Accumulation in Birds	F Bairlein, E Gwinner	14:187–215
Energy Partitioning and Modeling in Animal Nutrition	RL Baldwin, RD Sainz	15:191–211
Thermogenesis and Thyroid Function	HC Freake, JH Oppenheimer	15:263–91
Regulation of Carbohydrate and Fat Metabolism During and After Exercise	JO Holloszy, WM Kohrt	16:121–38
Parenteral Nutrition in Low-Birth-Weight Infants	WC Heird, MR Gomez	16:471–99
Energy and Protein Requirements During Lactation	KG Dewey	17:19–36
Human Body Composition: Advances in Models and Methods	SB Heymsfield, ZM Wang, RN Baumgartner, R Ross	17:527–58

CARBOHYDRATES

Inborn Errors of Fructose Metabolism	G Van den Berghe	14:41–58
Mechanisms of Action of Nonglucose Insulin Secretagogues	Y Liang, FM Matschinsky	14:59–81
Nutritional Role of Resistant Starch: Chemical Structure vs Physiological Function	G Annison, DL Topping	14:297–320
Regulation of Tight-Junction Permeability During Nutrient Absorption Across the Intestinal Epithelium	ST Ballard, JH Hunter, AE Taylor	15:35–55
Molecular Actions of Insulin on Glucose Transport	MP Czech	15:441–71
Structure, Function, and Regulation of the Mammalian Facilitative Glucose Transporter Gene Family	AL Olson, JE Pessin	16:235–56
Taste Preferences and Food Intake	A Drewnowski	17:237–53
Role of Blood Flow in the Regulation of Muscle Glucose Uptake	AD Baron, MG Clark	17:487–99
Dietary Fructans	MB Roberfroid, NM Delzenne	18:117–43

LIPIDS

Dietary Polyunsaturated Fatty Acid Regulation of Gene Transcription	SD Clarke, DB Jump	14:83–98
Regulation of Adipocyte Development	P Cornelius, OA MacDougald, MD Lane	14:99–129
Peroxisomal Lipid Metabolism	JK Reddy, GP Mannaerts	14:343–70

Oxidative Phosphorylation Diseases and Mitochondrial DNA Mutations: Diagnosis and Treatment	JM Shoffner, DC Wallace	14:535–68
The Hypobetalipoproteinemias	G Schonfeld	15:23–34
Dietary Management of X-Linked Adrenoleukodystrophy	HW Moser, J Borel	15:379–97
Trans Fatty Acids and Their Effects on Lipoproteins in Humans	MB Katan, PL Zock, RP Mensink	15:473–93
Apolipoprotein E and the Apolipoprotein E–Deficient Mouse	AS Plump, JL Breslow	15:495–518
Oxidized Low Density Lipoproteins in Atherogenesis: Role of Dietary Modification	PD Reaven, JL Witztum	16:51–71
Lipolysis: Contribution from Regional Fat	MD Jensen	17:127–39
Structure and Function of Pancreatic Lipase and Colipase	ME Lowe	17:141–58
Intracellular Lipid-Binding Proteins and Their Genes	DA Bernlohr, MA Simpson, AV Hertzel, LJ Banaszak	17:277–303
Plasma Lipid Transfer Proteins, High-Density Lipoproteins, and Reverse Cholesterol Transport	C Bruce, RA Chouinard, AR Tall	18:297–330

PROTEINS, PEPTIDES, AND AMINO ACIDS

Nitric Oxide Synthases: Why So Complex?	BSS Masters	14:131–45
Growth Factors in Milk as Mediators of Infant Development	SM Donovan, J Odle	14:147–67
Human Amino Acid Requirements: Can the Controversy be Resolved?	MF Fuller, PJ Garlick	14:217–41
The Significance of Peptides in Clinical Nutrition	GK Grimble	14:419–47
Transthyretin (Prealbumin) in Health and Disease: Nutritional Implications	Y Ingenbleek, V Young	14:495–533
Whole-Body Protein Turnover in Humans–Past, Present, and Future	JC Waterlow	15:57–92
Roles of Ubiquitinylation in Proteolysis and Cellular Regulation	KD Wilkinson	15:161–89
Erythropoietin	W Fried	15:353–77
Peptide Transporters in the Intestine and the Kidney	FH Leibach, V Ganapathy	16:99–119
Mechanisms of Food Allergy	HA Sampson, AW Burks	16:161–77
Hormonal Regulation of Human Muscle Protein Metabolism	OE Rooyackers, KS Nair	17:457–85
Why Do We Eat? A Neural Systems Approach	AS Levine, CJ Billington	17:597–619
Carnitine Metabolism and Its Regulation in Microorganisms and Mammals	CJ Rebouche, H Seim	18:39–61
Redefining Body Composition: Nutrients, Hormones, and Genes in Meat Production	CD Wray-Cahen, DE Kerr, CM Evock-Clover, NC Steele	18:63–92
Nitrogen Cycling in the Gut	MF Fuller, PJ Reeds	18:385–411

VITAMINS

Choline and Human Nutrition	SH Zeisel, JK Blusztajn	14:269–96
Pharmacology of Vitamin C	HE Sauberlich	14:371–91
Role of Vitamin K in Bone Metabolism	C Vermeer, K-GS Jie, MHJ Knapen	15:1–22
Retinoids as Teratogens	DR Soprano, KJ Soprano	15:111–32
The Importance of Menaquinones in Human Nutrition	JW Suttie	15:399–417
The Mechanism of Action of Vitamin K	P Dowd, S-W Ham, S Naganathan, R Hershline	15:419–40
Antioxidants in Human Health and Disease	B Halliwell	16:33–50

Folic Acid and the Prevention of Birth Defects	CE Butterworth Jr, A Bendich	16:73–97
Structure/Function of Cytoplasmic Vitamin A-Binding Proteins	E Li, AW Norris	16:205–34
Regulation of Metabolism by Retinoic Acid and Its Nuclear Receptors	M Pfahl, F Chytil	16:257–83
Vitamin E in Humans: Demand and Delivery	MG Traber, H Sies	16:321–47
Folate Receptors	AC Antony	16:501–21
Bioavailability and Bioconversion of Carotenoids	JJM Castenmiller, CE West	18:19–38
Newly Discovered Redox Cofactors: Possible Nutritional, Medical, and Pharmacological Relevance to Higher Animals	WS McIntire	18:145–77
Lipases and Carboxylesterases: Possible Roles in the Hepatic Metabolism of Retinol	EH Harrison	18:259–76
Nutritional Properties and Significance of Vitamin Glycosides	JF Gregory III	18:277–96
INORGANIC NUTRIENTS		
Metal Elements and Gene Expression	RJ Cousins	14:449–69
Lactoferrin: Molecular Structure and Biological Function	B Lönnerdal, S Iyer	15:93–110
Regulation of Iron Metabolism: Translational Effects Medicated by Iron, Heme, and Cytokines	DP Mascotti, D Rup, RE Thach	15:239–61
Cellular Copper Transport	CD Vulpe, S Packman	15:293–322
Nutritional and Hormonal Regulation of Thyroid Hormone Deiodinases	PR Larsen, MJ Berry	15:323–52
Factors Influencing Disease Expression in Hemochromatosis	DHG Crawford, LW Powell, JW Halliday, BA Leggett	16:139–60
Molecular Biology of Mineralocorticoid Metabolism	CE Fardella, WL Miller	16:443–70
Toxic and Essential Metal Interactions	RA Goyer	17:37–50
The Molecular Biology of Metal Ion Transport in *Saccharomyces cerevisiae*	DJ Eide	18:441–69
OTHER FOOD COMPONENTS		
Dietary Phytoestrogens	MS Kurzer, X Xu	17:353–81
Newly Discovered Redox Cofactors: Possible Nutritional, Medical, and Pharmacological Relevance to Higher Animals	WS McIntire	18:145–77
NUTRITION AND METABOLIC REGULATION		
Osteopenia of Prematurity	FR Greer	14:169–85
Organic Substrate and Electrolyte Solutions for Oral Rehydration in Diarrhea	JF Desjeux, SK Nath, J Taminiau	14:321–42
Zonation of Parenchymal and Nonparenchymal Metabolism in Liver	K Jungermann, T Kietzmann	16:179–203
Control of Human Appetite: Implications for the Intake of Dietary Fat	JE Blundell, CL Lawton, JR Cotton, JI Macdiarmid	16:285–319
Regulation of Mammalian Acetyl-Coenzyme A Carboxylase	K-H Kim	17:77–99
Regulation of Milk Lipid Secretion and Composition	MC Neville, MF Picciano	17:159–83
Mechanisms by Which Carbohydrates Regulate Expression of Genes for Glycolytic and Lipogenic Enzymes	J Girard, P Ferré, F Foufelle	17:325–52

Regulation of the Expression of Lipogenic Enzyme Genes by Carbohydrate	HC Towle, EN Kaytor, H-M Shih	17:405–33
Applications of Mass Isotopomer Analysis to Nutrition Research	H Brunengraber, JK Kelleher, C Des Rosiers	17:559–96
Transgenic Mice in the Analysis of Metabolic Regulation	F Bosch, A Pujol, A Valera	18:207–32
Nutritional and Hormonal Regulation of Enzymes in Fat Synthesis: Studies of Fatty Acid Synthase and Mitochondrial Glycerol-3-Phosphate Acyltransferase Gene Transciption	HS Sul, D Wang	18:331–51
GENETICS AND MOLECULAR BIOLOGY		
Regulation of Glutaminase Activity and Glutamine Metabolism	NP Curthoys, M Watford	15:133–59
Cyclic AMP Signaling and Gene Regulation	PB Daniel, WH Walker, JF Habener	18:353–83
CLINICAL NUTRITION		
Regulation of Hepatic De Novo Lipogenesis in Humans	MK Hellerstein, J-M Schwarz, RA Neese	16:523–57
Evaluation of Methodology for Nutritional Assessment in Children: Anthropometry, Body Composition, and Energy Expenditure	BS Zemel, EM Riley, VA Stallings	17:211–35
Use of Drugs in the Treatment of Obesity	RL Atkinson	17:383–403
Role of Nutrition in Prevention of the Progression of Renal Disease	BJ Maroni, WE Mitch	17:435–55
Genetic Disorders of Carnitine Metabolism and Their Nutritional Management	J Kerner, C Hoppel	18:179–206
The Genetics of Osteoporosis: Vitamin D Receptor Polymorphisms	RJ Wood, JC Fleet	18:233–58
Diet, Nutrition, and Prostate Cancer	SK Clinton, E Giovannucci	18:413–40
NUTRITIONAL PHARMACOLOGY AND TOXICOLOGY		
Effects of Food on Drug Absorption	PG Welling	16:383–415
NUTRITIONAL MICROBIOLOGY		
The Role of Iron-Binding Proteins in the Survival of Pathogenic Bacteria	TA Mietzner, SA Morse	14:471–93
Emerging Issues in Microbiological Food Safety	J Meng, MP Doyle	17:255–75
Dietary Oxidative Stress and the Potentiation of Viral Infection	MA Beck, OA Levander	18:93–116
PUBLIC HEALTH NUTRITION		
Diet, Body Build, and Breast Cancer	DJ Hunter, WC Willett	14:393–418
Cholesterol Policy and the Primary Prevention of Coronary Disease: Reflections on Clinical and Population Strategies	CD Naylor, JM Paterson	16:349–82
Development and Biomedical Testing of Military Operational Rations	KE Friedl, RW Hoyt	17:51–75
Nutrition Screening in Old People: Its Place in a Coherent Practice of Preventive Health Care	D Rush	17:101–25
COMPARATIVE NUTRITION		
Nutrition of the Horse	HF Hintz, NF Cymbaluk	14:243–67
Regulation of Pigeon Cropmilk Secretion and Parental Behaviors by Prolactin	ND Horseman, JD Buntin	15:213–38

Energy Sources and Requirements of the Exercising Horse	P Harris	17:185–210
Comparative Nutrition of Iron and Copper	JJ Winzerling, JH Law	17:501–26
SPECIAL TOPICS		
Artificial Rearing of Rat Pups: Implications for Nutrition Research	MS Patel, S Vadlamundi, GL Johanning	14:21–40
Dietary Change and Traditional Food Systems of Indigenous Peoples	HV Kuhnlein, O Receveur	16:417–42
The Cholesterol-Raising Factor from Coffee Beans	R Urgert, MB Katan	17:305–24